

Problem statement-1 : Create your resume page as per the format shown in the figure on LHS.

```
<body>

<h1 align="center">RESUME</h1>

<b> Abc Pqr</b><br>

55,SDF ll,<br>

SEEPZ,Andheri (E) ,<br>

Mumbai-400096<br>

Mobile: 8237510544<br>

<b>email_Id:</b>

abc@gmail.com<br>

<br>

<hr>

<h2>Educational Qualification</h2>

<table HEIGHT="100" WIDTH="600">

  <tr align="LEFT">

    <th> Qualification</th>

    <th> Institute</th>

    <th> University/Board</th>

    <th> Marks (%)</th>

    <th> Year of passing</th>

  </tr>

  <tr align="LEFT">

    <td>BE (CS) </td>
```

```
<td>VJTI</td>

<td>Mumbai University</td>

<td>89%</td>

<td>2003</td>

</tr>

<tr>

    <td>HSC</td>

    <td>Cambridge</td>

    <td>ICSC</td>

    <td>97%</td>

    <td>1999</td>

</tr>

<tr>

    <td>HSC</td>

    <td>Cambridge</td>

    <td>ICSC</td>

    <td>97%</td>

    <td>1999</td>

</tr>

<tr>

    <td>HSC</td>

    <td>Cambridge</td>

    <td>ICSC</td>

    <td>97%</td>
```

```

        <td>1999</td>

    </tr>

</table>

<br>

<h2>Skill set:</h2><br>

<table>

    <tr>

        <th align="left"><b> Operating System:</b></th>

        <td align="left">Windows 9'x,DOS</td>

    </tr>

    <tr>

        <th align="left"><b> Language:</b></th>

        <td align="left">C/C++</td>

    </tr>

    <tr>

        <th align="left"><b> Front End:</b></th>

        <td align="left">VB 6.0</td>

    </tr>

    <tr>

        <th align="left"><b> DBMS:</b></th>

        <td align="left">Oracle 9i</td>

    </tr>

</table>

</body>

```

RESUME

Abc Pqr
55,SDF ll,
SEEPZ,Andheri(E),
Mumbai-400096
Mobile: 8237510544
email_Id: abc@gmail.com

Educational Qualification

Qualification	Institute	University/Board	Marks(%)	Year of passing
BE(CS)	VJTI	Mumbai University	89%	2003
HSC	Cambridge	ICSC	97%	1999
HSC	Cambridge	ICSC	97%	1999
HSC	Cambridge	ICSC	97%	1999

Skill set:

Operating System: Windows 9x,DOS
Language: C/C++
Front End: VB 6.0
DBMS: Oracle 9i

Problem statement-2 : Create a web page to display a list as shown in the figure on RHS:

```
<html>

<head>

<body>

<ol>

<li>language</li>

<ol type ="i">

<li>English</li>

<ol type"A">

<li>Prose</li>

<li>Poetry</li>

</ol>

<li>Hindi</li>

<ol type"A">

<li>Prose</li>

<li>Poetry</li>
```

```
        </ol>

        <li>Marathi</li>

        <ol type="A">

            <li>Prose</li>

            <li>Poetry</li>

        </ol>

    </ol>

    <li>Social Study</li>

    <ol type "i">

        <li>History</li>

        <li>Geography</li>

    </ol>

    <li>Science</li>

    <ol type "i">

        <li>Physics</li>

        <ol type "A">

            <li>Part1</li>

            <li>Part2</li>

        </ol>

        <li>Chemistry</li>

        <ol type "A">

            <li>Organic</li>

            <li>Inorganic</li>

        </ol>

        <li>Biology</li>

        <ol type "A">

            <li>Botany</li>
```

```
        <li>Zoology</li>

    </ol>

</ol>

<li>Maths

    <ol type "i">

        <li>Algebra</li>

        <li>Geometry</li>

    </ol>

</li>

</ol>

</body>

</head>

</html>
```

1. language
 - i. English
 1. Prose
 2. Poetry
 - ii. Hindi
 1. Prose
 2. Poetry
 - iii. Marathi
 1. Prose
 2. Poetry
2. Social Study
 1. History
 2. Geography
3. Science
 1. Physics
 1. Part1
 2. Part2
 2. Chemistry
 1. Organic
 2. Inorganic
 3. Biology
 1. Botany
 2. Zoology
4. Maths
 1. Algebra
 2. Geometry

Problem statement-3-a : Create a web page to display tables as shown in the figures below. Clicking on link should lead the user to another document that displays a brief description of the book and review comments.

```
<html>
```

```
<body>
```

```
<h1>List of Java Books</h1>
```

```
<table border="1" height="50px" width="400px">
```

```
<tr align="center">
```

```
<th>Book Title</th>
```

```
<th>Author</th>
```

```
<th>Book Price</th>
```

```
</tr>
```

```

        <tr align="left">

            <td><a
href="https://www.amazon.in/Core-Java-I-Fundamentals-Cay-Horstmann/dp/0135
166306"><u>Core Java</u></a></td>

            <td>Cay Horsman</td>

            <td>400</td>

        </tr>

        <tr align="left">

            <td><a
href="https://www.amazon.in/Ivor-Horton%E2%80%B2s-Beginning-Java-Programme
r/dp/0470404140"><u>Beginning Java</u></a></td>

            <td>Ivar Hortan</td>

            <td>600</td>

        </tr>

        <tr align="left">

            <td><a href="#"><u>Learning Java</u></a></td>

            <td>Kishori Shahane</td>

            <td>400</td>

        </tr>

        <tr align="left">

            <td><a href="#"><u>Java Cookbook</u></a></td>

            <td>John Keller</td>

            <td>800</td>

        </tr>

    </table>

</body>

</html>

```

List of Java Books

Book Title	Author	Book Price
Core Java	Cay Horsman	400
Beginning Java	Ivar Hortan	600
Learning Java	Kishori Shahane	400
Java Cookbook	John Keller	800

Problem statement-3-b : *Apply CSS wherever relevant.*

```
<html>

<body>
  
  <table bgcolor="cyan" cellspacing="3px" cellpadding="3px" width="1100px">
    <tr>
      <th>Home Page</th>
      <th>Home Page</th>
      <th>Reservation</th>
      <th>Facilities</th>
      <th>Virtual Tour</th>
      <th>Staff</th>
      <th>Calendar of Events</th>
      <th>Contact Info</th>
      <th>Directions</th>
      <th>FAQ</th>
    </tr>
  </table>
  <table style="font-size: 15;" width="1100px">
    <tr align="right">
      <th>Reservation for Conference Room</th>
    </tr>
    <tr align="right">
      <th>Tuesday , April 11</th>
    </tr>
  </table>

```

```

</table>
<table bgcolor="cyan" style="font-size: 15;" width="1100px" border="1"
cellspacing="0">
  <tr>
    <th colspan="1"></th>
    <th colspan="8"> Morning</th>
    <th colspan="2">Noon</th>
    <th colspan="8">Afternoon</th>
  </tr>
  <tr>
    <th colspan="1">Room</th>
    <th colspan="1">8:00</th>
    <th colspan="1">8:30</th>
    <th colspan="1">9:00</th>
    <th colspan="1">9:30</th>
    <th colspan="1">10:00</th>
    <th colspan="1">10:30</th>
    <th colspan="1">11:00</th>
    <th colspan="1">11:30</th>
    <th colspan="1">12:00</th>
    <th colspan="1">12:30</th>
    <th colspan="1">1:00</th>
    <th colspan="1">1:30</th>
    <th colspan="1">2:00</th>
    <th colspan="1">2:30</th>
    <th colspan="1">3:00</th>
    <th colspan="1">3:30</th>
    <th colspan="1">4:00</th>
    <th colspan="1">4:30</th>
  </tr>

```

```

<tr style="height: 35;">
  <td colspan="1" align="left" bgcolor="white">Sun Rise Room</td>
  <td colspan="4" align="left" bgcolor="white">Marriage Encounter</td>
  <td colspan="4" bgcolor="white"></td>
  <td colspan="2" align="left" bgcolor="white">Marriage Encounter Luncheon</td>
  <td colspan="4" bgcolor="white"></td>
  <td colspan="4" bgcolor="white">Marriage Encounter Talks</td>
</tr>
<tr style="height: 35;">
  <td colspan="1" align="left" bgcolor="white">Mountain View Room</td>
  <td colspan="2" align="left" bgcolor="white">Breakfast club of ohio</td>
  <td colspan="4" align="left" bgcolor="white"></td>
  <td colspan="4" align="left" bgcolor="white">Ohio Conference of
Librararies</td>
  <td colspan="2" align="left" bgcolor="white"></td>
  <td colspan="6" align="left" bgcolor="white">Ohio Book Resale Setup</td>
</tr>
<tr style="height: 35;">
  <td colspan="1" align="left" bgcolor="white">Arbour Hall</td>
  <td colspan="8" align="left" bgcolor="white">Computer Expo Setup</td>
  <td colspan="2" align="left" bgcolor="white"></td>
  <td colspan="8" align="left" bgcolor="white">Computer Expo Opening
Session</td>
</tr>

```

```

<tr style="height: 35;">
  <td colspan="1" align="left" bgcolor="white">Mitchell Theater</td>
  <td colspan="14" align="left" bgcolor="white"></td>
  <td colspan="8" align="left" bgcolor="white">Youth Theatre</td>
</tr>
<tr style="height: 35;">
  <td colspan="1" align="left" bgcolor="white">Gold Room</td>
  <td colspan="2" align="left" bgcolor="white"></td>
  <td colspan="3" align="left" bgcolor="white">The Tompkins Group</td>
  <td colspan="3" align="left" bgcolor="white">Person Planning</td>
  <td colspan="4" align="left" bgcolor="white"></td>
  <td colspan="3" align="left" bgcolor="white"> Mothers of Multiple</td>
  <td colspan="3" align="left" bgcolor="white"> Teen Connection</td>
</tr>
<tr style="height: 35;">
  <td colspan="1" align="left" bgcolor="white">Blue Room</td>
  <td colspan="2" align="left" bgcolor="white"></td>
  <td colspan="3" align="left" bgcolor="white">Retirement Planning</td>
  <td colspan="3" align="left" bgcolor="white">The Senior Group</td>
  <td colspan="2" align="left" bgcolor="white"> Senior Luncheon</td>
  <td colspan="5" align="left" bgcolor="white">Senior Classes</td>
  <td colspan="3" align="left" bgcolor="white">Tutoring</td>
</tr>
<tr style="height: 35;">
  <td colspan="1" align="left" bgcolor="white"> Green Room</td>
  <td colspan="2" align="left" bgcolor="white"></td>
  <td colspan="4" align="left" bgcolor="white"> Driver's Ed</td>
  <td colspan="5" align="left" bgcolor="white"> Movie club</td>
  <td colspan="4" align="left" bgcolor="white"></td>
  <td colspan="3" align="left" bgcolor="white">Tutoring</td>
</tr>
</table>

```

```

<table style="font-size: 15;" width="1100px">
  <tr>
    <td colspan="1" style="font-size: 20px;" align="left" bgcolor="white">To
reserve a room ,please contact
      Yancy Inwe at
      extension 388 or by e-mail at <span style="color:
blue;"><u>yancyinwe@hconfcenter.org</u></span> Reservation
      should be made at least 48 hours in advance. Cancellations require 24 hour
notice. Room deposit will not
      be return
      for calncellations within 24 hours of the scheduled event.
    </td>
  </tr>
</tr>
<tr>
  <td></td>
</tr>
</table>

```

Hamilton Conference Center

[Home Page](#)
[Reservations](#)
[Facilities](#)
[Virtual Tour](#)
[Staff](#)
[Calendar of Events](#)
[Contact Info](#)
[Directions](#)
[FAQ](#)

Reservations for Conference Rooms
Tuesday, April 11

	Morning								Noon		Afternoon									
Room	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30	12:00	12:30	1:00	1:30	2:00	2:30	3:00	3:30	4:00	4:30		
Sunrise Room	Marriage Encounter								Marriage Encounter Luncheon						Marriage Encounter Talks					
Mountain View Room	Breakfast Club of Ohio						Ohio Conference of Librarians							Ohio Book Resale Setup						
Arbor Hall	Computer Expo Set Up										Computer Expo Opening Session									
Mitchell Theater											Youth Theatre									
Gold Room			The Tompkins Group		Pearson Planning						Mothers of Multiples				Teen Connection					
Blue Room			Retirement Planning		The Senior Group		Senior Luncheon		Senior Classes						Tutoring					
Green Room			Drivers' Ed		Movie Club										Tutoring					

To reserve a room, please contact Yancy Inwe at extension 388 or by e-mail at yancyinwe@hconfcenter.org Reservations should be made at least 48 hours in advance. Cancellations require 24 hour notice. Room deposits will not be returned for cancellations within 24 hours of the scheduled event.

Sunrise Room	Maximum Capacity: 80
Moutain View Room	Maximum Capacity: 150
Arbor Hall	Maximum Capacity: 190
Mitchell Theatre	Maximum Capacity: 120
Gold Room	Maximum Capacity: 40
Blue Room	Maximum Capacity: 30
Green Room	Maximum Capacity: 55

Problem statement-4 :Create a Web page on any particular topic. Be sure to bring images in like the sample web page below.

```
<html>
```

```
<body style="border-color:black; border:3px solid;">

    <h1>Stratovolcanoes</h1>

    <p>A stratovolcano, also known as a composite volcano, is a conical volcano built up by

        many layers (strata) of hardened lava and tephra.[1] Unlike shield volcanoes,

        stratovolcanoes are characterized by a steep profile with a summit crater and

        periodic intervals of explosive eruptions and effusive eruptions, although some

        have collapsed summit craters called calderas. </p>

    <p>lava flowing from stratovolcanoes typically cools and hardens before spreading far,

        due to high viscosity.The magma forming this lava is often felsic,

        having high-to-intermediate levels of silica (as in rhyolite, dacite, or andesite),

        with lesser amounts of less-viscous mafic magma.

        [2] Extensive felsic lava flows are uncommon,

        but have travelled as far as 15 km (9 mi).[3]</p>

    <p>Stratovolcanoes are sometimes called composite volcanoes because of their composite

        stratified structure, built up from sequential outpourings of erupted materials.
```

They are among the most common types of volcanoes, in contrast to the less common

shield volcanoes.[4] Two famous examples of stratovolcanoes are Krakatoa in Indonesia,

known for its catastrophic eruption in 1883, and Vesuvius in Italy, whose catastrophic

eruption in AD 79 buried the Roman cities of Pompeii and Herculaneum.

Both eruptions claimed thousands of lives. In modern times, Mount St.

Helens in Washington State, USA and Mount Pinatubo in the Philippines have

erupted catastrophically, but with fewer deaths.

</p>

<p> These internal triggers may be modified by external triggers such as sector collapse,

earthquakes, or interactions with groundwater. These internal triggers may be modified

by external triggers such as sector collapse, earthquakes, or interactions with

groundwater. Some of these triggers operate only under limited conditions.

For example, sector collapse (where part of the flank of a volcano collapses in

a massive landslide) can trigger eruption only if a very shallow magma chamber.

Magma differentiation and thermal expansion also are ineffective as triggers

for eruptions from deep magma chambers.[14]

</p>

<p>

Whatever the precise mechanism, the pressure in the magma chamber increases

to a critical point where the roof of the magma chamber fractures, and the

contents of the magma chamber are provided with a path to the surface

through which to erupt.[citation needed]

</p>

<p>In recorded history, explosive eruptions at subduction zone (convergent-boundary)

volcanoes have posed the greatest hazard to civilizations.[15] Subduction-zone

stratovolcanoes, such as Mount St. Helens, Mount Etna and Mount Pinatubo, typicall

y erupt with explosive force: the magma is too stiff to allow easy escape of v

olcanic gases. As a consequence, the tremendous internal pressures of the

trapped volcanic gases remain and intermingle in the pasty magma.

Following the breaching of the vent and the opening of the crater,

the magma degasses explosively. The magma and gases blast out

with high speed and full force.[15]

Since 1600 CE, nearly 300,000 people have been killed by volcanic eruptions.

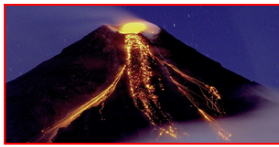
[15] Most deaths were caused by pyroclastic flows and lahars, deadly hazards

that often accompany explosive eruptions of subduction-zone stratovolcanoes.

Pyroclastic flows are swift, avalanche-like, ground-sweeping, incandescent mixtures of hot volcanic debris, fine ash, fragmented lava, and superheated gases that can travel at speeds over 160 km/h (100 mph). Around 30,000 people were killed by pyroclastic flows during the 1902 eruption of Mount Pelée on the island of Martinique in the Caribbean.[15] In March to April 1982, three explosive eruptions of El Chichón in the State of Chiapas in southeastern Mexico, caused the worst volcanic disaster in that country's history. Villages within 8 km (5 mi) of the volcano were destroyed by pyroclastic flows, killing more than 2,000 people.[15]</p></body></html>

Stratovolcanoes

A stratovolcano, also known as a composite volcano, is a conical volcano built up by many layers (strata) of hardened lava and tephra.[1] Unlike shield volcanoes, stratovolcanoes are characterized by a steep profile with a summit crater and periodic intervals of explosive eruptions and effusive eruptions, although some have collapsed summit craters called calderas.



lava flowing from stratovolcanoes typically cools and hardens before spreading far, due to high viscosity. The magma forming this lava is often felsic, having high-to-intermediate levels of silica (as in rhyolite, dacite, or andesite), with lesser amounts of less-viscous mafic magma. [2] Extensive felsic lava flows are uncommon, but have travelled as far as 15 km (9 mi).[3]

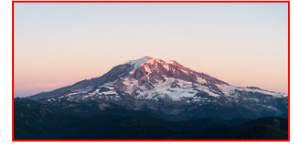
Stratovolcanoes are sometimes called composite volcanoes because of their composite stratified structure, built up from sequential outpourings of erupted materials. They are among the most common types of volcanoes, in contrast to the less common shield volcanoes.[4] Two famous examples of stratovolcanoes are Krakatoa in Indonesia, known for its catastrophic eruption in 1883, and Vesuvius in Italy, whose catastrophic eruption in AD 79 buried the Roman cities of Pompeii and Herculaneum. Both eruptions claimed thousands of lives. In modern times, Mount St. Helens in Washington State, USA and Mount

Pinatubo in the Philippines have erupted catastrophically, but with fewer deaths.

These internal triggers may be modified by external triggers such as sector collapse, earthquakes, or interactions with groundwater. These internal triggers may be modified by external triggers such as sector collapse, earthquakes, or interactions with groundwater. Some of these triggers operate only under limited conditions. For example, sector collapse (where part of the flank of a volcano collapses in a massive landslide) can trigger eruption only of a very shallow magma chamber. Magma differentiation and thermal expansion also are ineffective as triggers for eruptions from deep magma chambers.[14]

Whatever the precise mechanism, the pressure in the magma chamber increases to a critical point where the roof of the magma chamber fractures, and the contents of the magma chamber are provided with a path to the surface through which to erupt.[citation needed]

In recorded history, explosive eruptions at subduction zone (convergent-boundary) volcanoes have posed the greatest hazard to civilizations.[15] Subduction-zone stratovolcanoes, such as Mount St. Helens, Mount Etna and Mount Pinatubo, typically erupt with explosive force: the magma is too stiff to allow easy escape of volcanic gases. As a consequence, the tremendous internal pressures of the trapped volcanic gases remain and intermingle in the pasty magma. Following the breaching of the vent and the opening of the crater, the magma degasses explosively. The magma and gases blast out with high speed and full force.[15] Since 1600 CE, nearly 300,000 people have been killed by volcanic eruptions. [15] Most deaths were caused by pyroclastic flows and lahars, deadly hazards that often accompany explosive eruptions of subduction-zone stratovolcanoes. Pyroclastic flows are swift, avalanche-like, ground-sweeping, incandescent mixtures of hot volcanic debris, fine ash, fragmented lava, and superheated gases that can travel at speeds over 160 km/h (100 mph). Around 30,000 people were killed by pyroclastic flows during the 1902 eruption of Mount Pelée on the island of Martinique in the Caribbean.[15] In March to April 1982, three explosive eruptions of El Chichón in the State of Chiapas in southeastern Mexico, caused the worst volcanic disaster in that country's history. Villages within 8 km (5 mi) of the volcano were destroyed by pyroclastic flows, killing more than 2,000 people.[15]



Problem statement-5: Create a web page to display a table as shown in the figure below. *Apply CSS wherever relevant.*

```
<html>
```

```
    <table border="1" height="500px" width="1000px" bgcolor="pink">
<form method="get">

    <tr>

        <th align="left" width="300px">Name</th>

        <td><input type="text" name="uname" id="uname"></td>

    </tr>

    <tr>

        <th align="left">Employee code</th>

        <td><input type="text" name="empcode" id="empcode"></td>

    </tr>

    <tr>

        <th align="left">Department</th>
```

```

        <td>

            <input type="radio" name="department" id="admin"
checked>Admin<br>

            <input type="radio" name="department" id="hr" checked>HR<br>

            <input type="radio" name="department" id="TECHNICAL"
checked>TECHNICAL<br>

            <input type="radio" name="department" id="ACCOUNTS"
checked>ACCOUNTS<br>

        </td>

    </tr>

    <tr>

        <th align="left">Date of joining</th>

        <td><input type="date" name="dt" id="dt"></td>

    </tr>

    <tr>

        <th align="left">Address</th>

        <td>

            <textarea rows="5" cols="40" name="addr" id="addr"></textarea>

        </td>

    </tr>

    <tr>

        <th align="left">Training programs Attended</th>

        <td>

            <input type="checkbox" name="training" id="html">HTML/DHTML
<br>

            <input type="checkbox" name="training" id="Java">JAVA <br>

            <input type="checkbox" name="training" id="html">CLIENT/SERVER
<br>

```

```

        <input type="checkbox" name="training" id="html">.NET <br>

    </td>

</tr>

<tr>

    <th align="left">Training programmes need to attend</th>

    <td>

        <select id="prog" name="prog" size="2">

            <option>--Select One--</option>

            <option value="JAVASCRIPT">JAVASCRIPT</option>

            <option value="JSTRUTS">JSTRUTS</option>

        </select>

    </td>

</tr>

<tr>

    <th align="left">Send the information</th>

    <td><span style="color: blue;"><u>abc@gmail.com</u></span>

    </td>

</tr>

</form>

</table>

```

</html>

Name	<input type="text"/>
Employee code	<input type="text"/>
Department	<input type="radio"/> Admin <input type="radio"/> HR <input type="radio"/> TECHNICAL <input checked="" type="radio"/> ACCOUNTS
Date of joining	<input type="text" value="mm / dd / yyyy"/>
Address	<input type="text"/>
Training programs Attended	<input type="checkbox"/> HTML/DHTML <input type="checkbox"/> JAVA <input type="checkbox"/> CLIENT/SERVER <input type="checkbox"/> .NET
Training programmes need to attend	--Select One-- JAVASCRIPT
Send the information	abc@gmail.com

Problem statement-6 :

Internet Usage Survey

This survey is conducted to understand the usage pattern of our customer
Please take a few moment to complete and submit this short form.Thank you for your cooperation

What are of Internet connection do you have?
(select any one)

What type of computer do you use most at home?

☐ Desktop ☐ Laptop

How would you describe your main reason for using Internet ?

☐ To do work-related activities
☐ To do school-related activities
☐ For entertainemtn pupose
☐ other activities

Types of site visited

What types of websites do you access most often?

Check all that apply.

☐ Self Improvement
☐ Entertainment
☐ News and sport
☐ Reference
☐ Email

Time spent using Internet

During an average week how long do you spend online?

☒ 0-3
☐ 4-6
☐ 7-10
☐ 11-14
☐ 15+

Please comment on your opinion concerning Internet privacy and safety

First Name:

Age:

Last Name:

Zip code:

<html>

```

<body style="border-color:blue;border: 2px solid;border-color: blue;">

  <form style="border: 1cm;">

    <table>

      <tr><td><h1>Internet Usage Survey</h1></td></tr>

      <tr><td colspan="2">This survey is conducted to uderstand the
usage pattern of our customer</td></tr>

      <tr><td colspan="2">Please take a few moment to complete and
submit this short form.Thank you for your cooperation</td></tr>

      <tr>

        <td align="left" width="450">What are of Internet
connection do you have?<br>(select any one)</td>

        <td width="300">

          <select id="conne" name="conne" size="4">

            <option value="Dial-up">Dial-up</option>

            <option value="DSL">DSL</option>

            <option value="High speed Cable">Dial-up</option>

            <option value="Other">Other</option>

          </select>

        </td>

      </tr>

      <tr>

        <td>What type of computer do you use most at home?</td>

        <td>

          <input type="radio" name="deks" id="desk">Desktop

          <input type="radio" name="deks" id="lapt">laptop<br>

        </td>

      </tr>

```

```

        </tr>

        <tr>

            <td>How would you describe your main reason for using
Internet

                ?</td>

            <td><br>

                <input type="radio" name="work" id="work">To do
work-related activities<br>

                <input type="radio" name="work" id="school">To do
school-related activities<br>

                <input type="radio" name="work" id="entertainment">For
etertainmetn pupose<br>

                <input type="radio" name="work" id="other">other
activities<br>

            </td>

        </tr>

        <tr>

            <td style="height: 150;">

                <fieldset>

                    <legend>Types of site visited</legend>

                    What types of websites do you access most
often?<br>

                    Check all that apply.<br>

                    <input type="checkbox" name="self" id="self">Self
Improvement<br>

                    <input type="checkbox" name="enter"
id="enter">Entertainment<br>

                    <input type="checkbox" name="enter"
id="enter">News and sport<br>

```

```

                <input type="checkbox" name="enter"
id="enter">Reference<br>

                <input type="checkbox" name="enter"
id="enter">Email<br>

            </fieldset>

        </td>

        <td style="height: 150;">

            <fieldset>

                <legend>Time spent using Internet</legend>

                During an average week how long do you spend
online?<br>

                <input type="radio" name="option" id="0-3"
checked>0-3<br>

                <input type="radio" name="option" id="4-6">4-6<br>

                <input type="radio" name="option"
id="7-10">7-10<br>

                <input type="radio" name="option"
id="11-14">11-14<br>

                <input type="radio" name="option" id="15+">15+<br>

            </fieldset>

        </td>

    </tr>

    <tr>

        <td>Please comment on your opinion concerning Internet
privacy and safety <br>

```



```
        <textarea rows="5" cols="100" name="opinion"
id="opinion"></textarea>

        </td>

    </tr>

    <tr>

        <br>

        <td>

            First Name:

            <input type="text" name="name" id="name">

        </td>

        <td>

            Last Name:

            <input type="text" name="lname" id="name">

        </td>

    </tr>

    <tr>

        <br>

        <td>

            Age:

            <input type="number" name="age" id="age">

        </td>

        <td>

            Zip code:

            <input type="number" name="zip" id="zip">
```

```
        </td>

    </tr>

</table>

<div align="center">

    <td>

        <button type="button" name="submit" id="sub">Click to
submit</button>

        <button type="reset" name="reset" id="res">Reset</button>

    </td>

</div>

</form>

</body>

</html>
```

Problem statement 7 : Create web page to display table as shown in the figure below.

January						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

```
<html>

    <table border="2" height="300"; width="300" cellspacing=3px
cellpadding="3px">

        <tr>

            <th colspan="7" bgcolor="yellow"><b>January</b></th>

        </tr>

        <tr bgcolor="magenta">

            <th>Sun</th>

            <th>Mon</th>

            <th>Tue</th>

            <th>Wed</th>

            <th>Thu</th>

            <th>Fri</th>

            <th>Sat</th>

        </tr>
```

```
<tr>

  <th ></th>

  <th></th>

  <th></th>

  <th></th>

  <th></th>

  <th bgcolor="yellow">1</th>

  <th bgcolor="cyan">2</th>

</tr>
```

```
<tr>

  <th bgcolor="green">3</th>

  <th>4</th>

  <th>5</th>

  <th>6</th>

  <th>7</th>

  <th>8</th>

  <th bgcolor="cyan">9</th>

</tr>
```

```
<tr>

  <th bgcolor="green">10</th>

  <th>11</th>

  <th>12</th>

  <th>13</th>

  <th>14</th>

  <th>15</th>
```

```
<th bgcolor="cyan">16</th>

</tr>


<tr>

<th bgcolor="green">17</th>

<th>18</th>

<th>19</th>

<th>20</th>

<th>21</th>

<th>22</th>

<th bgcolor="cyan">23</th>

</tr>


<tr>

<th bgcolor="green">24</th>

<th>25</th>

<th bgcolor="yellow">26</th>

<th>27</th>

<th>28</th>

<th>29</th>

<th bgcolor="cyan">30</th>

</tr>


<tr>

<th bgcolor="green">31</th>

</tr>
```

```
</table>  
</html>
```

Problem statement 8: Create an online form to gather feedback from the users on problems or difficulties they have faced while purchasing items in a sports website. The information of the client will be sent via email to an email address pre-established in the source code of the online form.

The webpage will be as follows:

- A. The heading will display the name of the members of the group
- B. The body section will have:
 - An introductory sentence, above the form, informing the end user about the aim to the online form and the instructions to fill in out
 - The web form has following inputs:
 - i. Type of problem: technical (e.g. website is down), product do not available, missing information about the product
 - ii. Username (mandatory)
 - iii. Email (mandatory)
 - iv. Location (mandatory)
 - v. Phone (optional)
 - vi. Description of the problem (mandatory)
 - vii. Notification of problem solved (optional)

The mandatory field will have a red asterisk next to the text label. Provide a submit button.

Feedback Form of Sports website	
Members of the Group: Mr.Amar Chopra Mr.Raj Bajaj Mr.Alex D'souza	
This form for giving feed back to us about what difficulties you have faced during shopping on our website. Please gave genuine feedback!	
Type of problem ?	<input type="text" value="Technical e.g(website is down)"/>
Username	<input type="text"/>
Enter your email Address	<input type="text"/>
Enter your Location	<input type="text"/>
Enter your Mobile number	<input type="text"/>
Write description of your problem	<input type="text"/>
Notification of problem solved	<input type="text"/>
<input type="button" value="Click to submit"/> <input type="button" value="Reset"/>	

```
<html>

<body>

    <head>

        <h1 style="color: yellow; background-color: green; text-align:
center;">Feedback Form of Sports website</h1>

    </head>

    <body style="border-color: brown;border:2px solid;">

        <table width="100%">

            <form>

                <tr>

                    <td>

                        <h3 colspan="2">Members of the Group:</h3>

                        <h4>Mr.Amar Chopra<br>

                            Mr.Raj Bajaj<br>

                            Mr.Alex D'souza<br></h4>

                    </td>

                </tr>

            </form>

        </table>

    </body>

</html>
```

```

        </tr>

        <tr>
            <td colspan="2">This form for giving feed back to us
about what difficulties you have faced during
            shopping on our website.</td>
        </tr>

        <tr>
            <td colspan="2">Please gave genuine feedback! </td>
        </tr>

        <tr>
            <th align="right">Type of problem ?</th>
            <td align="left">
                <select id="prob" name="prob">
                    <option value="Tech">Technical e.g (website is
down)</option>
                    <option value="Prod">Product not
available</option>
                    <option value="info">Missing information of
product</option>
                </select>
            </td>
        </tr>

        <tr>
            <th align="right">Username </th>
            <td>
                <input type="text" name="username" id="uname"
required><span style="color: red;">*</span>

```



```

        </td>

    </tr>

    <tr>

        <th align="right">Enter your email Address</th>

        <td>

            <input type="text" name="email" id="id"><span
style="color: red;">*</span>

        </td>

    </tr>

    <tr>

        <th align="right">Enter your Location</th>

        <td>

            <input type="text" name="Location"
id="Location"><span style="color: red;">*</span>

        </td>

    </tr>

    <tr>

        <th align="right">Enter your Mobile number</th>

        <td>

            <input type="text" name="Mobile" id="Mobile"
maxlength="10">

        </td>

    </tr>

    <tr>

```

```

        <th align="right">Write description of your
problem</th>

        <td>

            <textarea name="desc" id="desc" rows="3"
cols="50"> </textarea><span

                style="color: red;">*</span>

            </td>

        </tr>

        <tr>

            <th align="right">Notification of problem solved</th>

            <td>

                <input type="text" name="not" id="not">

            </td>

        </tr>

    </form>

</table>

<div>

    <div align="center">

        <td>

            <button type="submit" name="submit" id="sub">Click to
submit</button>

            <button type="reset" name="reset"
id="res">Reset</button>

        </td>

    </div>

```

```
</body>
```

```
</html>
```

Problem statement 9: Create web page to display frames as shown in the figure below.

CDAC HTML Assignments																	
Assignments Assignment-1 Assignment-2 Assignment-3 Assignment-4 Assignment-5 Assignment-6	Employee Details <table border="1"><tbody><tr><td>1) Employee Id:</td><td><input type="text"/></td></tr><tr><td>2) Employee Name:</td><td><input type="text"/></td></tr><tr><td>3) Department Name:</td><td>S/W ▾</td></tr><tr><td>4) Gender:</td><td><input checked="" type="radio"/> Male <input type="radio"/> Female</td></tr><tr><td>5) Address:</td><td><input type="text"/></td></tr><tr><td>6) Skill Topic</td><td><input type="checkbox"/> C <input type="checkbox"/> C++ <input type="checkbox"/> Java <input type="checkbox"/> .NET</td></tr><tr><td>7) E-mail:</td><td><input type="text"/></td></tr><tr><td>8) Birth Date:</td><td><input type="text"/> (DD) / <input type="text"/> (MM) / <input type="text"/></td></tr></tbody></table>	1) Employee Id:	<input type="text"/>	2) Employee Name:	<input type="text"/>	3) Department Name:	S/W ▾	4) Gender:	<input checked="" type="radio"/> Male <input type="radio"/> Female	5) Address:	<input type="text"/>	6) Skill Topic	<input type="checkbox"/> C <input type="checkbox"/> C++ <input type="checkbox"/> Java <input type="checkbox"/> .NET	7) E-mail:	<input type="text"/>	8) Birth Date:	<input type="text"/> (DD) / <input type="text"/> (MM) / <input type="text"/>
1) Employee Id:	<input type="text"/>																
2) Employee Name:	<input type="text"/>																
3) Department Name:	S/W ▾																
4) Gender:	<input checked="" type="radio"/> Male <input type="radio"/> Female																
5) Address:	<input type="text"/>																
6) Skill Topic	<input type="checkbox"/> C <input type="checkbox"/> C++ <input type="checkbox"/> Java <input type="checkbox"/> .NET																
7) E-mail:	<input type="text"/>																
8) Birth Date:	<input type="text"/> (DD) / <input type="text"/> (MM) / <input type="text"/>																

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<meta charset="UTF-8">
```

```
<meta http-equiv="X-UA-Compatible" content="IE=edge">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
<title>Document</title>
```

```
</head>
```

```

<body>

    <iframe src="q9_frm1.html" frameborder="10" width="100%"
height="30%"></iframe>

    <iframe src="q9_frm2.html" frameborder="10" width="25%"
height="620px"></iframe>

    <iframe src="" name="right_box" frameborder="10" width="73%"
height="620px">Employee Details</iframe>

</body>

</html>

```

CDAC HTML ASSIGNMENT

Assignment																	
Assignment 1 Assignment 2 Assignment 3 Assignment 4 Assignment 5 Assignment 6	<table border="1"> <tr> <td>Name</td> <td><input type="text"/></td> </tr> <tr> <td>Employee code</td> <td><input type="text"/></td> </tr> <tr> <td>Department</td> <td> <input type="radio"/> Admin <input type="radio"/> HR <input type="radio"/> TECHNICAL <input checked="" type="radio"/> ACCOUNTS </td> </tr> <tr> <td>Date of joining</td> <td><input type="text" value="mm / dd / yyyy"/></td> </tr> <tr> <td>Address</td> <td><input type="text"/></td> </tr> <tr> <td>Training programs Attended</td> <td> <input type="checkbox"/> HTML/DHTML <input type="checkbox"/> JAVA <input type="checkbox"/> CLIENT/SERVER <input type="checkbox"/> .NET </td> </tr> <tr> <td>Training programmes need to attend</td> <td> ~Select One~ ^ JAVASCRIPT v </td> </tr> <tr> <td>Send the information</td> <td>abc@gmail.com</td> </tr> </table>	Name	<input type="text"/>	Employee code	<input type="text"/>	Department	<input type="radio"/> Admin <input type="radio"/> HR <input type="radio"/> TECHNICAL <input checked="" type="radio"/> ACCOUNTS	Date of joining	<input type="text" value="mm / dd / yyyy"/>	Address	<input type="text"/>	Training programs Attended	<input type="checkbox"/> HTML/DHTML <input type="checkbox"/> JAVA <input type="checkbox"/> CLIENT/SERVER <input type="checkbox"/> .NET	Training programmes need to attend	~Select One~ ^ JAVASCRIPT v	Send the information	abc@gmail.com
Name	<input type="text"/>																
Employee code	<input type="text"/>																
Department	<input type="radio"/> Admin <input type="radio"/> HR <input type="radio"/> TECHNICAL <input checked="" type="radio"/> ACCOUNTS																
Date of joining	<input type="text" value="mm / dd / yyyy"/>																
Address	<input type="text"/>																
Training programs Attended	<input type="checkbox"/> HTML/DHTML <input type="checkbox"/> JAVA <input type="checkbox"/> CLIENT/SERVER <input type="checkbox"/> .NET																
Training programmes need to attend	~Select One~ ^ JAVASCRIPT v																
Send the information	abc@gmail.com																

HTML5:

Problem statement-1: Create a HTML5 web page that looks like:

Appointment Scheduler

Personal Information
Name <input type="text"/>
Telephone Number <input type="text"/>
E-mail address <input type="text"/>
Date of Birth <input type="text" value="mm / dd / yyyy"/>

Appointment Request
What is the reason for your visit? <input type="text" value="select or type reason"/>
Current Pain level <input type="range" value="5"/>
Preferred Appointment date? <input type="text" value="mm / dd / yyyy"/>
Preferred time <input type="time" value="12:00"/>

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
    <meta charset="UTF-8">
```

```
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
```

```
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
    <title>Document</title>
```

```
</head>
```

```
<body>
```

```
    <h1>Appointment Scheduler</h1>
```

```
    <fieldset style="width: 500px; height: 250px;">
```

```
        <legend>Personal Information</legend>
```

```
        <table>
```

```

        <tr>

            <label for="name">Name</label><br>

            <input type="text" name="name" id="name"><br><br>

            <label for="tele">Telephone Number</label><br>

            <input type="text" name="tele" id="tele"
maxlength="10"><br><br>

            <label for="email">E-mail address</label><br>

            <input type="email" name="email" id="email"><br><br>

            <label for="birth">Date of Birth</label><br>

            <input type="date" name="birth" id="birth">

        </tr>

    </table>

</fieldset>

<fieldset style="width: 500; height: 250px;">

    <legend>Appointment Request</legend>

    <tr>

        <label for="reason">What is the reason for your
visit?</label><br>

        <input type="text" name="reason" id="reason"
placeholder="select or type reason"><br><br>

        Current Pain level<br>

        <input type="range"><br>

        <label for="apdt">Preferred Appointment date?</label><br>

        <input type="date" name="apdt" id="apdt"><br><br>

        <label for="apt">Preferred time</label><br>

        <input type="number" max="24" size="4">

```

```
        </tr>

    </fieldset>

    <button type="submit" name="submit" id="submit">Set
Appointment</button>

</body>

</html>
```

Problem statement-2: Create a HTML5 web page that looks like: (make use of CSS too)

```
<html>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

    <style>

        .b1 {

            text-align: right;

        }

    </style>
```

```
.b {  
  
    float: left;  
  
}  
  
body {  
  
    background-color: rgb(14, 119, 168);  
  
}  
  
fieldset {  
  
    border: 2px solid white;  
  
    background-color: rgb(14, 119, 168);  
  
}  
  
</style>  
  
</head>  
  
<body>  
  
    <fieldset style="width: 500px; height: 280px;">  
  
        <legend>Registration Details</legend>  
  
        <table align="center">  
  
            <tr>  
  
                <td class="b1">  
  
                    <label for="name">University: </label>
```



```
</td>
```

```
<td class="b">
```

```
  <input type="text" name="name" id="name">
```

```
</td>
```

```
</tr>
```

```
<tr style="height: 10;"></tr>
```

```
<tr>
```

```
  <td class="b1">
```

```
    <label for="name">Institute: </label>
```

```
</td>
```

```
<td class="b">
```

```
  <input type="text" name="name" id="name">
```

```
</td>
```

```
</tr>
```

```
<tr style="height: 10;"></tr>
```

```
<tr>
```

```
  <td class="b1">
```

```
    <label for="name">Branch: </label>
```

```
</td>
```

```
<td class="b"><select name="branch" id="branch">
```

```
  <option value="select">select</option>
```

```
  <option value="Mech">Mechanical</option>
```

```

        <option value="Civil">Civil</option>

        <option value="IT">IT</option>

        <option value="Electrical">Electrical</option>

        <option value="ET">ET</option>

    </select><br>

</td>

</tr>

<tr style="height: 10;"></tr>

<tr>

    <td class="b1">

        <label for="degree">Degree: </label>

    </td>

    <td class="b">

        <select name="degree" id="degree">

            <option value="grad">Graduation</option>

            <option value="PG">Post-Graduation</option>

            <option value="Diploma">Diploma</option>

            <option value="Phd">PHD</option>

        </select>

        <input type="radio" name="option" id="degree">

        <label for="degree1">Persuing</label>

        <input type="radio" name="option" id="Degree2">

        <label for="Degree2">Completed</label>

```

```

</td>

</tr>

<tr style="height: 10;"></tr>

<tr>

  <td class="b1">

    <label for="cgpi">Average CGPI: </label>

  </td>

  <td class="b">

    <input type="number" name="cgpi" id="cgpi" size="5" min="5" max="10">

    <label for="sem">Upto</label>

    <input type="number" name="sem" id="sem" size="5" min="1" max="8"> Th semester

  </td>

</tr>

<tr style="height: 10;"></tr>

<tr>

  <td class="b1">

    <label for="exp">Experence: </label>

  </td>

  <td class="b">

    <select name="exp" id="exp">

      <option value=""></option>

      <option value="0">0</option>

      <option value="1">1</option>

```

```

        <option value="2">2</option>

        <option value="3">3</option>

    </select>

</td>

</tr>

<tr style="height: 10;"></tr>

<tr>

    <td class="b1">

        <label for="web">Your Website or Blog: </label>

    </td>

    <td class="b">

        <input type="text" name="web" id="web">

    </td>

</tr>

</table>

</fieldset>

<div>

    <button class="btn">

        <a href="./first.html">

            <svg xmlns="http://www.w3.org/2000/svg" width="16" height="16" fill="currentColor"

                class="bi bi-arrow-left-circle-fill" viewBox="0 0 16 16">

                <path

```

```
      d="M8 0a8 8 0 1 0 0 16A8 8 0 0 0 8 0zm3.5 7.5a.5.5 0 0 1 0 1H5.707l2.147 2.146a.5.5 0 0 1-.708.708l-3-3a.5.5 0 0 1 0-.708l3-3a.5.5 0 1 1 .708.708L5.707 7.5H11.5z" />
```

```
    </svg></a>
```

```
</button>
```

```
<button class="btn">
```

```
<a href="/nine.html">
```

```
  <svg xmlns="http://www.w3.org/2000/svg" width="16" height="16" fill="currentColor"
```

```
    class="bi bi-arrow-right-circle-fill" viewBox="0 0 16 16">
```

```
  <path
```

```
    d="M8 0a8 8 0 1 1 0 16A8 8 0 0 1 8 0zM4.5 7.5a.5.5 0 0 0 0 1h5.793l-2.147 2.146a.5.5 0 0 0 .708.708l3-3a.5.5 0 0 0 0-.708l-3-3a.5.5 0 1 0-.708.708L10.293 7.5H4.5z" />
```

```
  </svg></a>
```

```
</button>
```

```
</div>
```

```
</body>
```

```
</html>
```

Registration Details

University:

Institute:

Branch:

Degree: ☐ Persuing ☐ Comleted

Average CGPI: Upto Th semester

Experience:

Your Website or Blog:

CSS:

Problem statement-1 : Create the following web page:

<!DOCTYPE html>

```
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <style>
    input{
      color: white;
    }
  </style>
</head>
```

```
<body bgcolor      ="black">

    <fieldset style="width: 500px; height: 300px ; border-radius: 30px;
border-width: 2mm; border-color: blue;">

        <legend style="background-color: blue; color: antiquewhite;
border-radius: 4px;">Name and address</legend>

        <table>

            <tr style="color:antiquewhite;">

                <th align="right" style="width: 50%;"><label
for="ssn">SSN: </label></th>

                <td><input type="text" id="ssn" style="background-color:
black;"></td>

            </tr>

            <tr style="color:antiquewhite;">

                <th align="right" style="width: 50%;"><label
for="fll">Full Name: </label></th>

                <td><input type="text" id="fll" style="background-color:
black;"></td>

            </tr>

            <tr style="color:antiquewhite;">

                <th align="right" style="width: 50%;"><label
for="sn">Street and Number: </label></th>

                <td><input type="text" id="sn" style="background-color:
black;"></td>

            </tr>

            <tr style="color:antiquewhite;">

                <th align="right" style="width: 50%;"><label
for="postal">Postal Code: </label></th>

                <td><input type="text" id="postal"
style="background-color: black;"></td>

            </tr>
```

```

        <tr style="color:antiquewhite;">

            <th align="right" style="width: 50%;"><label
for="city">City: </label></th>

            <td><input type="text" id="city" style="background-color:
black;"></td>

        </tr>

    </table>

</fieldset><br>

    <fieldset style="width: 200px; height: 100px ; border-radius: 30px;
border-width: 2mm; border-color: blue;">

        <legend style="background-color: blue; color: antiquewhite;
border-radius: 4px;">Username and Password</legend>

        <table>

            <tr style="color:antiquewhite;">

                <th align="right" style="width: 50%;"><label
for="username">Username: </label></th>

                <td><input type="text" id="username"
style="background-color: black;"></td>

            </tr>

            <tr style="color:antiquewhite;">

                <th align="right" style="width: 50%;"><label
for="Password">Password: </label></th>

                <td><input type="text" id="Password" value="mypwd"
style="background-color: black;"></td>

            </tr>

        </table>

    </tr>

```



```
</tr>

</table>

</fieldset>

</body>

</html>
```

Name and address

SSN:

Full Name:

Street and Number:

Postal Code:

City:

Username and Password

Username:

Password:

1. Write a program to accept three positive numbers and output the largest of them.

```
<!DOCTYPE html>

<html lang="en">
```

```
<head>

  <meta charset="UTF-8">

  <meta http-equiv="X-UA-Compatible" content="IE=edge">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>Document</title>

</head>

<body>

  <script>

    function maxnum() {

      var num1=parseInt(prompt("Enter the first number: "));

      var num2=parseInt(prompt("Enter the second num2"));

      var num3=parseInt(prompt("Enter the third number"));

      var max;

      if((num1>= num2) && (num1>=num3)){

        max=num1;

      }else if ((num2>= num1) && (num2>=num3)){

        max=num2;

      }

      else max=num3;

      alert("maximum number is "+ max);

    }

  </script>

  <button type="button" name="btn" id="btn" onclick="maxnum()">Find
maximum number</button>

</body>

</html>
```

file://

Enter the first number:

OK Cancel

file://

Enter the second num2

☐ Prevent this page from creating additional dialogs

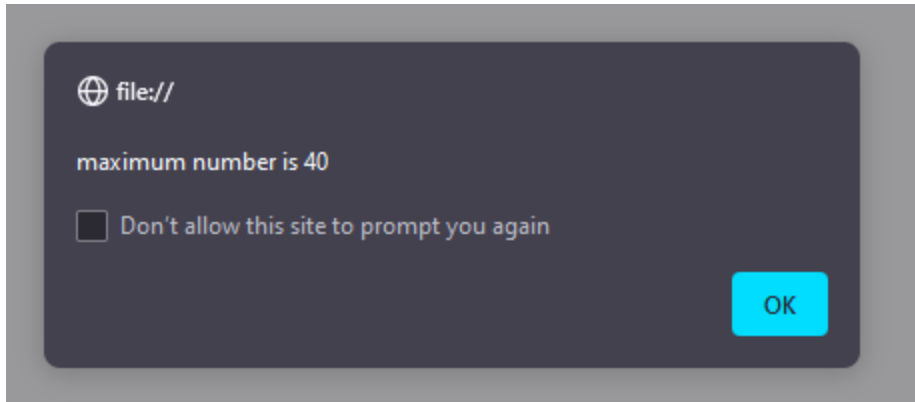
OK Cancel

file://

Enter the third number

☐ Prevent this page from creating additional dialogs

OK Cancel



2. Accept an integer value and a message from user and print the message that many number of times.

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

    <script>

        function print() {

            var n = parseInt(document.getElementById("num").value);

            var m = document.getElementById("msg").value;

            for (let index = 0; index < n; index++) {

                document.getElementById("mydiv").innerHTML += m + "<br>";

            }

        }

    </script>
```

```

</head>

<body>

    <label for="msg">Enter the Messege to print</label>

    <input type="text" name="msg" id="msg" required><br><br>

    <label for="num">Enter the how many times you want to print</label>

    <input type="number" name="num" id="num" required><br>

    <button type="submit" name="sbmt" id="sbmt" onclick="print()">

        <h3>Print</h3>

    </button>

</body>

<div id="mydiv"></div>

</html>

```

Enter the Messege to print

Enter the how many times you want to print

Print

jai hind
jai hind
jai hind
jai hind
jai hind

- Write a function to list all even numbers less than or equal to the number n. Take the value of n as input from user. Use while loop

Enter the number upto which you want to find even numbers

Hello 2

4
6
8
10
12
14
16
18
20
22
24
26
28
30
32
34
36
38
40

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

    <script>

        function evenno() {

            var n = parseInt(document.getElementById("num").value);

            for (let index = 1; index <= n; index++) {

                if (index % 2 == 0) {

                    document.getElementById("mydiv").innerHTML += index +

"<br>"
```

```

        }

    }

}

function res() {

    document.getElementById("mydiv").innerHTML = " ";

}

</script>

</head>

<body>

    <FORM >

        <label for="num">Enter the number upto which you want to find even
numbers</label>

        <input type="number" id="num" name="num">

        <!-- <input type="submit" value="Submit" onclick="evenno()" /> -->

        <button type="button" name="btn" id="btn" onclick="evenno()">Find even
numbers</button>

        <!-- button type="submit" sends data to server and reset all components
            type="button" dont reset

            " -->

        <button type="reset" name="rst" id="rst" value="cancel"
onclick="res()">Reset</button>

        <div id="mydiv">Hello </div>

    </FORM>

</body>

```

```
</html>
```

Q4 - Write a function that accepts two numbers and a operator like (+,-,*, /) from user and performs the appropriate operation indicated by the operator.

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

    <script>

        function operation() {

            n1 = parseInt(document.getElementById("n1").value);

            n2 = parseInt(document.getElementById("n2").value);

            o1 = document.getElementById("op1").value;

            switch (o1) {

                case '+':

                    document.getElementById("d").innerHTML = "Sum of
number is : " + (n1 + n2);

                    break;

                case '-':

                    document.getElementById("d").innerHTML = "Subtraction
of number is : " + (n1 - n2);

                    break;
```



```

        case '*':

            document.getElementById("d").innerHTML =
"Multiplication of number is : " + (n1 * n2);

            break;

        case '/':

            document.getElementById("d").innerHTML = "Division of
number is : " + (n1 / n2);

            break;

    }

}

</script>

</head>

<body>

    <p>Q4. Write a function that accepts two numbers and a operator like
(+,-,*, /) from user and performs the

        appropriate operation indicated by the operator</p>

    <label for="n1">Enter number1 : </label>

    <input type="number" name="n1" id="n1"><br><br>

    <label for="n2">Enter number2 : </label>

    <input type="number" name="n2" id="n2"><br><br>

    <label for="op1">Enter operation: </label>

    <input type="text" name="op1" id="op1"><br><br>

    <button type="button" name="btn" id="btn" onclick="operation()"> Click
to show Result</button>

```

```
<div id="d"></div>

</body>

</html>
```

Q5 - Write a program to print the multiplication table of a given number up to 10 multiples. Eg for number 2, output should be like.

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

    <script>

        function table() {

            var n = parseInt(document.getElementById("num").value);

            for (var i = 1; i <= 10; i++) {

                sol = n * i;

                document.getElementById("div").innerHTML += n + " * " + i
+ " = " + sol + "<br>";

            }

        }

    </script>


```

```

</script>

</head>

<body>

    <p>Q5. Write a program to print the multiplication table of a given
number up to 10 multiples. Eg for number 2,

        output should be like</p>

    <label for="num">Enter number</label>

    <input type="number" name="num" id="num">

    <button type="button" name="btn" id="btn" onclick="table()">Print
Table</button>

    <div id="div"></div>

</body>

</html>

```

Q6 - Write a program to find sum of digits of given five-digit number.

```

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

```

```
<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Document</title>

<script>

    function digitsum() {

        var n = parseInt(document.getElementById("num").value);

        var sum = 0;

        while (n != 0) {

            var r = parseInt(n % 10);

            sum = sum + r;

            n = parseInt(n / 10);

        }

        document.getElementById("digit").innerHTML = "Sum of Digit is
: " + sum;

    }

</script>

</head>

<body>

    <p>Q6. Write a program to find sum of digits of given five-digit
number.</p>

    <label for="num">Enter number</label>

    <input type="number" name="num" id="num">

    <button type="button" name="btn" id="btn" onclick=digitsum()>Print
sum</button><br><br>

    <div id="digit"></div>
```

```
</body>
```

```
</html>
```

Q7 - Write a program min() that takes any number of arguments and returns minimum number in the set of arguments. Do not use the Math predefined object.

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
  <meta charset="UTF-8">
```

```
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
```

```
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
  <title>Document</title>
```

```
  <script>
```

```
    function min(x, y, ...arr) {
```

```
      var m = arguments[0];
```

```
      for (var i = 0; i < arguments.length; i++) {
```

```
        if (m > arguments[i]) {
```

```
          m = arguments[i];
```

```
        }
```

```
      }
```

```
      document.getElementById("minval").innerHTML = "Minimum :" + m;
```

```
    }
```

```

</script>

</head>

<body>

    <p>Q8. Write a program min() that takes any number of arguments and
    returns minimum number in the set of

        arguments. Do not use the Math predefined objet</p>

    <button type="button" name="btn" id="min" onclick=min(5,40,9,12)>find
    min</button>

    <div id="minval"></div>

</body>

</html>

```

Q8 - Write a function pow(x,y) that calculates xy . Do not use the Math predefined objet.

```

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

```

```
<title>Document</title>

<script>

    function pow() {

        var x = parseInt(document.getElementById("x").value);

        var y = parseInt(document.getElementById("y").value);

        var sum = 1;

        for (var i = 0; i < y; i++) {

            sum = sum * x;

        }

        document.getElementById("div").innerHTML = sum;

    }

</script>

</head>

<body>

    <p>Q8. Write a function pow(x,y) that calculates x^y. Do not use the
Math predefined objet</p>

    <label for="x">Enter base number : </label>

    <input type="number" id="x"><br><br>

    <label for="y">Enter power number :</label>

    <input type="number" id="y"><br>

    <button type="button" name="btn" id="pow" onclick=pow()>Cal
power</button>

    <div id="div"></div>

</body>
```

```
</html>
```

Q9 Create a web page to calculate the Compound Interest using the formula given below: Compound Interest = Where: p = Principal, r = Rate of Interest, n = period in years The values used in the example in the following figure are as follows: P = 1000, n = 1, r = 10

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

    <script>

        function ci() {

            var p = parseInt(document.getElementById("p").value);

            var r = parseInt(document.getElementById("r").value);

            var n = parseInt(document.getElementById("n").value);

            var ci = parseInt((Math.pow((1 + r / 100), n) * p) - p);

            document.getElementById("div").innerHTML = "Calculate Compound Interest : " + ci;

        }

    </script>

</head>

<body>

    <div>

        <input type="text" value="1000" id="p"/>

        <input type="text" value="1" id="n"/>

        <input type="text" value="10" id="r"/>

        <input type="button" value="Calculate" id="button"/>

    </div>

</body>

</html>
```



```

</script>

</head>

<body>

    <p>Q9. Create a web page to calculate the Compound Interest using the
    formula given below: </p>

    <label for="p">Enter Principle amount</label>

    <input type="number" name="p" id="p"><br><br>

    <label for="r">Rate of Interest</label>

    <input type="number" name="r" id="r"><br><br>

    <label for="n">Number of Years</label>

    <input type="number" name="n" id="n">

    <button type="button" name="btn" id="cal"
    onclick="ci()">CI</button><br><br>

    <div id="div"></div>

</body>

</html>

```

Day-1 : JS objects (DO Not Use UI for any of these assignments)

Q10 - Create a web page that displays the current date in the format specified as in example below. Also as per current time, suitable greeting should be printed.

```

<!DOCTYPE html>

```

```
<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta http-equiv="X-UA-Compatible" content="IE=edge">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>Document</title>

  <script>

    function date() {

      var date = new Date();

      var d = date.getDate();

      var day = date.toLocaleString('default', { weekday: 'long' });

      var m = date.toLocaleString('default', { month: 'long' });

      var y = date.getFullYear();

      var last = new Date("2022/12/31");

      var diffDays = parseInt((last - date) / (1000 * 60 * 60 * 24),
10);

      document.getElementById("div").innerHTML = "Today is " + day +
", " + d + " " + m + " " + y + ", " + "Welcome, and Good Aternoon to you.
"

      document.getElementById("div2").innerHTML = "Number of Days
left till end of year :" + diffDays;

    }

  </script>

</head>
```

```
<body>

    <button type="button" name="date" id="date" onclick="date()">show
date</button>

    <b>

        <div id="div" style="color: red"></div>

        <div id="div2" style="color: red"></div>

    </b>

</body>

</html>
```

Q11 Write a function `getWeekDay(date)` to show the weekday in short format: `'Mon', 'Tue', 'Wed', 'Thurs', 'Fri', 'Sat', 'Sun'`. Eg : `let date = new Date(2012, 0, 3); // 3 Jan 2012`

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

    <script>

        function weekDay() {

            var dt = new Date(document.getElementById("dte").value);

            var day = dt.toLocaleString('default', { weekday: 'long' });
```

```
        alert(day.substr(0,3));

        document.getElementById("mydiv").innerHTML = "<br><b>Todays
date is " + dt + " And WeekDay is " + (day.substr(0, 3))+ "<b>";

    }

</script>
</head>

<body>

    <label for="dte"><b>Enter the date to see the week day in format of
yyyy/mm/dd </b></label>

    <input type="text" name="dte" id="dte">

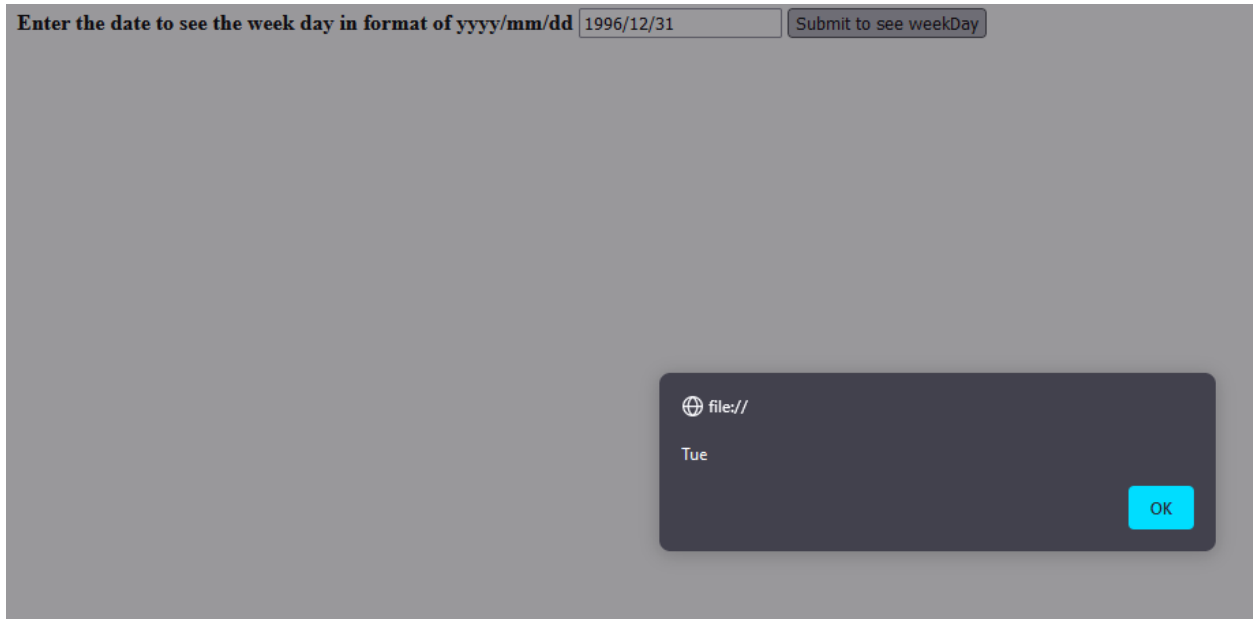
    <button type="submit" onclick="weekDay()">Submit to see
weekDay</button>

    <div id="mydiv">

    </div>

</body>

</html>
```



12. Accept and store names of 6 employees into array and display in sorted order of names.

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
  <meta charset="UTF-8">
```

```
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
```

```
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
  <title>Document</title>
```

```
  <script>
```

```
    function ArrSorted() {
```

```
      var a = prompt("Enter Name: ");
```

```
      var b = prompt("Enter Name: ");
```

```
      var c = prompt("Enter Name: ");
```

```
      var d = prompt("Enter Name: ");
```

```
      var e = prompt("Enter Name: ");
```

```

        var f = prompt("Enter Name: ");

        var arr = [a, b, c, d, e, f];

        arr.sort();

        document.getElementById("mydiv").innerHTML += arr;

    }

</script>
</head>

<body>

    <button type="submit" onclick="ArrSorted()">Click to Enter Names and
sort them</button>

    <div id="mydiv"></div>

</body>

</html>

```

Click to Enter Names and sort them

adfkja,ajhviu,awerhfkad,fahdfk,fhal,sjdfhk

13. Create an array that holds 4 employee objects and displays each emp detail in a table. Employee details could be empid, empname and salary. Use for each loop to inspect all properties of each object

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

    <script>

        class employee{

            constructor(empid,empname,salary){

                this.empid=empid;

                this.empname=empname;

                this.salary=salary;

            }

        }

        var arr=[];

        var a={empid:10, empname:"sujay@1, salary:25000"};

        var b={empid:10, empname:"sujay@2, salary:35000"};

        var c={empid:10, empname:"sujay@3, salary:45000"};

        var d={empid:10, empname:"sujay@4, salary:55000"};

        arr.push(a);

        arr.push(b);

        arr.push(c);
```

```
arr.push(d);

function display() {
    var str = "<table border='2'><tr><th>Emp id</th><th>Emp  
name</th><th>Salary</th></tr>";

    for(var ob of arr) {
        str+=
`<tr><td>${ob.empid}</td><td>${ob.empname}</td><td>${ob.salary}</td>
onclick="deleteproduct (${ob.empid}) ">delete</button></td></tr>`

    }

    str+="</table>";

    document.getElementById("mydiv").innerHTML=str;
}

</script>
</head>
<body>

    <button type="submit" name="sbmit" id="sbmit"
onclick="display()">Display Employee</button>

    <div id="mydiv"></div>
</body>
</html>
```


Display Employee

onclick="deleteproduct(10)">delete onclick="deleteproduct(10)">delete onclick="deleteproduct(10)">delete onclick="deleteproduct(10)">delete

Emp id	Emp name	Salary
10	sujay@1, salary:25000	undefined
10	sujay@2, salary:35000	undefined
10	sujay@3, salary:45000	undefined
10	sujay@4, salary:55000	undefined

14. Create a custom object for rectangle and circle. Individual Rectangle objects should be able to store dimension, and have methods to print area and perimeter. Individual Circle objects should be able to store radius, and have methods to print area and circumference. Display dimensions, area and perimeter of rectangle and circle objects. Make use of pre-defined objects

Rectangle

Circle

Area of rectangle is: 200 Perimeter of the rectangle: 400

<!DOCTYPE html>

```
<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta http-equiv="X-UA-Compatible" content="IE=edge">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>Document</title>

  <script src="q14_class.js"></script>

  <script>

    function rect(){

      var l=parseInt(prompt("Enter the lenght"));

      var b=parseInt(prompt("Enter the width "));

      var myrec=new Rectangle(l,b);

      document.getElementById("mydiv").innerHTML="Area of rectangle
is: " + myrec.rectangleArea() + " Perimeter of the rectangle: "+
myrec.rectanglePerimeter();

    }

  </script>

</head>

<body>

  <div id="mydiv">

  </div>

</body>

</html>
```

```

        function cir(){

            var r=parseInt(prompt("Enter the radius"));

            var mycir=new Circle(r);

            document.getElementById("mydiv").innerHTML="Area of circle is:
"+ mycir.circleArea()+"<br>Perimeter of circle: "+
mycir.circlePerimeter();

        }

    </script>
</head>
<body>

    <button type="submit" name="rect" id="rect"
onclick="rect()">Rectangle</button>

    <button type="submit" name="circle" id="circle"
onclick="cir()">Circle</button>

    <div id="mydiv"></div>

</body>
</html>

```

15. An array contains a set of 5 words. Write Javascript to reverse each word and arrange the resulting words in alphabetical order. Make use of array functions

```

<!DOCTYPE html>
<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

```

```
<title>Document</title>

<script>

    var arr=["stadia",'azure',"metaverse","gatespace"];

    var temp=[];

    function reverse() {

        for (let i = 0; i < arr.length; i++) {

            let s=arr[i].split("");

            let r=s.reverse();

            let j=r.join("");

            temp[i]=j;

        }

        temp.sort();

        var str="";

        document.getElementById("mydiv").innerHTML +=temp;

    }

</script>

</head>

<body>

    <button type="submit" onclick="reverse()">Reverse the array</button>

    <div id="mydiv"></div>

</body>

</html>
```

Reverse the array

aidats,ecapsetag,eruza,esrevatem

16. Say, have an array that holds many web site names. Eg, www.google.com, www.msn.com, www.amazon.co.in, in.answers.yahoo.com, en.m.wikipedia.com, codehs.gitbooks.io, www.coderanch.com etc. Search for all sites that begin with “www” and display the total number of such sites. Eg for above eg, total is 4

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

    <script>

        var
arr=["www.msn.com","www.google.com/","www.amazon.in","in.answer.yahoo.com"
,"en.m.wikipedia.com","codehs.gitbooks.com","www.coderanch.com"];

        function www(){

            var count=0;

            for (let i = 0; i < arr.length; i++) {

                if (arr[i].startsWith("www")) {

                    count++;

                }

            }

        }

    </script>

</head>

</html>
```

```

    }

    document.getElementById("mydiv").innerHTML=count + " <=
Total number of sites starts with www";

    }

}

</script>

</head>

<body>

    <button type="submit" onclick="www()">click to see www(nos)</button>

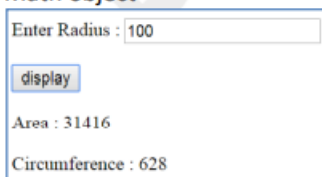
    <div id="mydiv"></div>

</body>

</html>

```

17. Create a HTML form that accepts radius and displays the area and circumference of a circle. Make use of Math object



The screenshot shows a web form with a text input field labeled "Enter Radius :" containing the value "100". Below the input is a button labeled "display". Underneath the button, the calculated results are displayed: "Area : 31416" and "Circumference : 628".

```

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

    <script>

```

```

function circle() {

    var r=parseInt(document.getElementById("radius").value);

    document.getElementById("are").innerHTML=3.14*r*r;

document.getElementById("peri").innerHTML=Math.round(3.14*2*r);

    }

</script>

</head>

<body>

    <table border="1px">

        <tr>

            <th><label for="radius">Enter the radius</label></th>

            <td><input type="text" name="radius" id="radius"></td>

        </tr>

        <tr>

            <td></td>

            <th><button type="submit" name="sbmt" id="sbmt"
onclick="circle()"><b>Submit</b></button></th>

        </tr>

        <tr>

            <td>Area of circle</td>

            <td><b><textarea cols="23" id="are" ></textarea></b></td>

        </tr>

        <tr>

```

```
<td>Circumference of circle</td>

<td><textarea cols="23" id="peri" ></textarea></td>

</tr>

</table>

</body>

</html>
```

Enter the radius	<input type="text" value="30"/>
	<input type="button" value="Submit"/>
Area of circle	<div>2826</div>
Circumference of circle	<div>188</div>

18. Create the HTML form given below. Use JS to manipulate strings. Display the output below the button

Enter String :

Enter Sub String :

Replace with String :

☐ Search substring in main string ☐ To Upper Case ☐ To Lower Case ☐ Trim spaces ☐ Concatenate ☐ replace

Enter String

Enter Sub-String

Replace with String

Search substring in main string ☒ To Upper case ☐ To lower case ☐ Trim spaces ☐ Concatenate ☐ Replace ☐

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta http-equiv="X-UA-Compatible" content="IE=edge">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">
```



```
<title>Document</title>

<style>

    table {

        border: 2px solid black;

        font-size: larger;

        font-family: Verdana, Geneva, Tahoma, sans-serif;

    }

    body {

        background-color: blanchedalmond;

    }

</style>

<script>

    function myfuction() {

        var str = document.getElementById("strng").value;

        var sub = document.getElementById("substrng").value;

        var rep = document.getElementById("replcstrng").value;

        var op = document.getElementsByName("menu");

        for (var i = 0; i < op.length; i++) {

            if (op[i].checked) {

                switch (op[i].id) {

                    case 'search':

                        if ((str.includes(sub))) {

document.getElementById("result").innerHTML = "Given substring is present
in string";
```

```
        } else {

document.getElementById("result").innerHTML = "Given substring is not
present in string";

        }

        break;

        case 'upper':

            document.getElementById("result").innerHTML =
str.toUpperCase();

            break;

        case 'lower':

            document.getElementById("result").innerHTML =
str.toLowerCase();

            break;

        case 'Trim':

            document.getElementById("result").innerHTML =
str.trim();

            break;

        case 'Concatenate':

            document.getElementById("result").innerHTML =
str.concat(sub);

            break;

        case 'replace':
```

```
        document.getElementById("result").innerHTML =
str.replace(sub,rep); //not working

        break;

    default:

        break;

    }

}

}

}

}

</script>

</head>

<body>

    <table id="mytable">

        <tr>

            <th align="left" width="30%">Enter String</th>

            <td><input type="text" name="strng" id="strng"></td>

        </tr>

        <tr>

            <th align="left">Enter Sub-String</th>

            <td><input type="text" name="substrng" id="substrng"></td>

        </tr>

    </table>

</body>

</html>
```

```

<tr>

    <th align="left">Replace with String</th>

    <td><input type="text" name="replcstrng" id="replcstrng"></td>

</tr>

<tr>

    <td colspan="2">

        <p>

            <label for="search">Search substring in main
string</label><input type="radio" name="menu"
                id="search">

            <label for="upper">To Upper case</label><input
type="radio" name="menu" id="upper">

            <label for="lower">To lower case</label><input
type="radio" name="menu" id="lower">

            <label for="Trim">Trim spaces</label><input
type="radio" name="menu" id="Trim">

            <label for="Concatenate">Concatenate</label><input
type="radio" name="menu" id="Concatenate">

            <label for="replace">Replace</label><input
type="radio" name="menu" id="replace">

        </p>

    </td>

</tr>

<tr>

    <td><button type="submit" name="sbmit" id="sbmit"
onclick="myfuction()">Submit Query</button></td>

    <td><textarea id="result" placeholder="Answer" cols="40"
style="font-size: larger;"></textarea></td>

```

```

        </tr>

    </table>

</body>

</html>

```

19. Write a program that accepts (from the html form) a positive integer less than 1000 and prints out the sum of the digits of this number.

Enter a +ve no less than 1000: -4
Entered number is out of range

Enter a +ve no less than 1000: 1234
Entered number is out of range

Enter a +ve no less than 1000: 546
Sum of the digits of 546 is 15

```

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

    <script>

        function sum(){

            var n=parseInt(document.getElementById("num").value);

            if(n<1000 && n>0){

                var sum1=0;

                while (n>0) {

                    var rem=parseInt(n%10);

                    sum1=parseInt(sum1+rem);

                }

            }

        }
    
```

```
        n=parseInt(n/10);

    }

    document.getElementById("mydiv").innerHTML="Sum of digits is:
"+sum1;

    }else{

        alert("Entered number is not valid");

    }

}

</script>
</head>
<body>

    <label for="num">Enter the digit</label>

    <input type="text" name="num" id="num" placeholder="Enter number
lessThan 1000">

    <button type="submit" name="submit" id="submit"
onclick="sum()">Submit</button>

    <div id="mydiv"></div>
</body>
</html>
```

Enter the digit

Sum of digits is: 10

20. Assume i have an array of member names. Read the array and display all member names as a string delimited by comma all in uppercase

Members of my Group are

JOHN,STEVE,BEN,DAMON,IAN

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

    <style>

        #myform{ border: 2px solid black;

            font-size: medium;

            font-family: Verdana, Geneva, Tahoma, sans-serif;

            height: 200px;

        }

        body{

            background-color:beige;

        }

    </style>

    <script>

        function names() {

            document.getElementById("mydiv").innerHTML="";

            var arr=["akshay","radhe","arjun","bheem","rajkamel"];

            var str="";
```

```

        for(var i=0;i<arr.length-1;i++){

            str += arr[i].toUpperCase()+",";

        }

        str+=arr[arr.length -1].toUpperCase();

        document.getElementById("mydiv").innerHTML=str;

    }

</script>
</head>
<body>

    <form id="myform">

        <h3>Members of my Group are</h3>

        <button type="button" id="submit" onclick="names()">Click to
show</button><br><br><br>

        <div id="mydiv"></div>

    </form>

</body>
</html>

```

Members of my Group are

Click to show

AKSHAY,RADHE,ARJUN,BHEEM,RAJKAMEL

21. Assume we have this content in HTML <body>

```
<body>
<h3> Members of my Group are </h3>
<ol id="list">
</ol>
</body>
```

Also assume we have a array of person names (5 names).

Read from array and populate the above list with member names in bullet form.

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

    <script>

        function shownames() {

            document.getElementById("list").innerHTML += "";

            var arr = ["John", "Steve", "Ben", "Damon", "Ian"];

            var str = "";

            for (var i = 0; i < arr.length; i++) {

                str = arr[i];

                document.getElementById("list").innerHTML += "<li>" + str
+ "</li>";

            }

        }

    </script>
```

```

</head>

<body>

    <h3>Members of my Group are</h3>

    <button type="button" name="button" id="button"
onclick="shownames()">ShowAllNames</button>

    <ol id="list">

        </ol>

</body>

</html>

```

Members of my Group are

ShowAllNames

1. John
2. Steve
3. Ben
4. Damon
5. Ian

22. Consider a HTML document made of multiple divs. Search all divs that contain the string “training”

```

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

```

```
<title>Document</title>

<style>

    div {

        border: 2px solid black;

        width: 300px;

        height: 30PX;

        text-align: center;

        vertical-align: middle;

        margin: 10px;

    }

</style>

<script src="jq/jquery.js"></script>

<script>

    $(document).ready(function() {

        $('#btn').click(function() {

            $("div:contains('Training')").css("color", "red")

        });

    });

</script>

</head>

<body>

    <button type="button" name="btn" id="btn">Search</button>

    <div>how are you</div>

    <div>im going home</div>

    <div>He loves swimming</div>

    <div>he is Training Hard</div>
```

```
</body>
</html>
```

Search

how are you

im going home

He loves swimming

he is Training Hard

23. **Problem statement-2** : Payment calculator

Create a following web page and calculate Payment Information based on Loan Information. Validate Loan information textfields for numbers and Payment Information textfields should be uneditable. The other constraints are as follows :

- Amount of Loan should not be more than 15 lakhs.
- Repayment period should be between 7 yrs to 15 yrs.

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

    <style>

        table{

            border: 2px solid blue;

            height: 300px;

            width: 500px;

        }

    </style>

</head>

<body>
```

```
</style>
```

```
<script>
```

```
function loanCalculator(){
```

```
    var loan=parseInt(document.getElementById("amt").value);
```

```
    if (loan>1500000) {
```

```
        alert("Invalid amount")
```

```
    }
```

```
    var intrest=parseInt(document.getElementById("int").value);
```

```
    var years=parseInt(document.getElementById("yrs").value);
```

```
    if (years<7 && years>15) {
```

```
        alert("Enter years in between 7 to 15");
```

```
    }
```

```
    var monthly=parseInt(((loan+(loan*intrest/100))/(years*12)));
```

```
    // alert(monthly);
```

```
    document.getElementById("month").value=monthly;
```

```
    var totPay=parseInt(loan+(loan*intrest/100));
```

```
    document.getElementById("tot").value=totPay;
```

```
    var totInt=parseInt(loan*intrest/100);
```

```
    document.getElementById("totint").value=totInt;
```

```
}
```

```
</script>
```

```
</head>
```

```
<body>
```

```
    <table>
```

```
        <tr>
```

```
<td colspan="2"><h3>Enter Loan Information</h3></td>

<td></td>

</tr>

<tr>

<td><label for="amt">1)Amount of the loan(any
currency)</label></td>

<td><input type="text" name="amt" id="amt" placeholder="must
be < 15Lakhs"></td>

</tr>

<tr>

<td><label for="int">2)Annual percentage rate of
interest</label></td>

<td><input type="text" name="int" id="int"></td>

</tr>

<tr>

<td><label for="yrs">3)Repayment period in years</label></td>

<td><input type="text" name="yrs" id="yrs" placeholder="Must
be between 7 to 15"></td>

</tr>

<tr>

<td></td>

<td><button type="button" id="compute"
onclick="loanCalculator()">Compute</button></td>

</tr>
```

```
<tr>

    <td><h3>Payment Information:</h3></td>

    <td></td>

</tr>

<tr>

    <td> <label for="month">4)Your monthly payment will
be</label></td>

    <td><input type="text" name="month" id="month"></td>

</tr>

<tr>

    <td> <label for="tot">5)Your total payment will
be</label></td>

    <td><input type="text" name="tot" id="tot"></td>

</tr>

<tr>

    <td> <label for="totint">6)Your total intrest payments will
be</label></td>

    <td><input type="text" name="totint" id="totint"></td>

</tr>

</table>

</body>

</tot
```

Enter Loan Information

1)Amount of the loan(any currency)	<input type="text" value="500000"/>
2)Annual percentage rate of intrest	<input type="text" value="10"/>
3)Repayment period in years	<input type="text" value="7"/>
	<input type="button" value="Compute"/>

Payment Information:

4)Your monthly payment will be	<input type="text" value="6547"/>
5)Your total payment will be	<input type="text" value="550000"/>
6)Your total intrest payments will be	<input type="text" value="50000"/>

24. Create a Login.html page that accepts username and password. Following are the validations required:

- Both fields are mandatory
- Username must be between 6 to 10 characters, all alphabetic.
- Password should be greater than 8 characters, must contain a # and atleast one digit.

```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<meta charset="UTF-8">
```

```
<meta http-equiv="X-UA-Compatible" content="IE=edge">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
<title>Document</title>
```

```
<style>
```

```
#my {
```

```
border: 2px solid black;
```

```
width: 300px;
```



```
        height: 150px;

        padding: 10px;

        margin: 10px;

        background-color: rgb(210, 210, 210);

    }

</style>

<script>

    function show() {

        var p = document.getElementById("pass");

        if (p.type == 'password') {

            p.type = 'text';

        } else

            p.type = 'password';

    }

</script>

</head>

<body>

    <form id="my">

        <b><u>Enter login details</u></b><br><br>

        <label for="user">Username</label>

        <input type="text" id="user" name="user" required
pattern="[A-Za-z] {6,10}"><br><br>

        <label for="pass">Password</label>

        <input type="password" id="pass" name="pass" pattern="[a-zA-Z0-9#]
{8,}"><br><br>

        <button type="button">LogIn</button>

    </form>

</body>

</html>
```

```

        <label for="shw">Show Password</label><input type="checkbox"
name="shw" id="shw" onclick="show()" ">

    </form>

</body>

</html>

```

Enter login details

Username

Password

☐ Show Password

25. Create a HTML page that accepts order details:

Order ID :

Cust name : Cust name cannot be < 6 characters

Enter Billing date : Billing date cannot be greater than shipping date

Enter Shipping date :

Order total :

Order ID	<input type="text" value="asdf"/>
Cust Name	<input type="text" value="shantaram"/>
Enter Billing Date	<input type="text" value="12 / 06 / 2022"/>
Enter shipping date	<input type="text" value="12 / 13 / 2022"/>
Order Total	<input type="text" value="200000"/>
<input type="button" value="Submit"/>	
Order ID: shantaram	
Customer Name: asdf	
Billing Date: 2022-11-2	
Shipping Date: 2022-11-2	

```
<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

    <style>

        #mytable {

            border: 2px solid blue;

            padding: 10px;

            margin: 10px;

            width: 700px;

            height: 350px;

        }

    </style>

</head>

<body>

</body>

</html>
```

```
</style>

<script>

    function custval() {

        var c = document.getElementById("cust").value

        if (c.length > 6) {

            document.getElementById("custtd").innerHTML = " ";

            return true;

        } else {

            document.getElementById("custtd").innerHTML = "Length must
be >5";

            return false;

        }

    }

    function billdate() {

        var b = new Date(document.getElementById("bill").value);

        var s = new Date(document.getElementById("ship").value);

        if (b.getTime() > s.getTime()) {

            document.getElementById("billtd").innerHTML = "Bill date
must be before than shipping date";

            return false;

        } else {

            return true;

        }

    }

    function object() {

        if (custval() && billdate()) {
```

```

        var oid = document.getElementById("cust").value
        var cu = document.getElementById("ord").value
        var bd = new Date(document.getElementById("bill").value);
        var sd = new Date(document.getElementById("ship").value);
        var total=parseInt(document.getElementById("ord").value);
        var bdd=bd.getFullYear() + "-" + bd.getMonth() + "-" +
bd.getDay();
        var sdd=sd.getFullYear() + "-" + sd.getMonth() + "-" +
sd.getDay();

        document.getElementById("1d").innerHTML="Order ID: "+ oid;
        document.getElementById("2d").innerHTML="Customer Name: "+
cu;
        document.getElementById("3d").innerHTML="Billing Date: "+
bdd;
        document.getElementById("4d").innerHTML="Shipping Date: "+
sdd;

    } else {
        alert("Date or customer name is not valid")
    }
}

</script>
</head>

<body>

    <table id="mytable">

        <tr>

```

```

        <th> <label for="ord">Order ID </label></th>

        <td><input type="text" name="ord" id="ord"></td>

        <td id="ordtd"></td>

    </tr>

    <tr>

        <th><label for="cust">Cust Name</label></th>

        <td><input type="text" id="cust" pattern="{6,}"></td>

        <td id="custtd" style="color: red;"> </td>

    </tr>


    <tr>

        <th><label for="bill">Enter Billing Date</label></th>

        <td><input type="date" id="bill"></td>

        <td id="billtd" style="color: red;"></td>

    </tr>


    <tr>

        <th><label for="ship">Enter shipping date</label></th>

        <td><input type="date" id="ship" name="ship"></td>

        <td id="shiptd"></td>

    </tr>


    <tr>

        <th><label for="tot">Order Total</label></th>

        <td><input type="text" id="tot" name="tot"></td>

        <td></td>

    </tr>

```

```

        <tr>

            <td><button type="submit" id="sbmt" name="sbmt"
onclick="object()">Submit</button></td>

        </tr>

        <tr>

            <td>

                <div id="1d"></div><br>

                <div id="2d"></div><br>

                <div id="3d"></div><br>

                <div id="4d"></div><br>

            </td>

        </tr>

    </table>

</body>

</html>

```

Q26 Create a HTML page that will display the following form and on clicking the button, the details will be listed as shown. Also create an object with all details from form, show them in new window thru the newly created object. Replace with HTML5 elements wherever possible.

```

<!DOCTYPE html>

<html lang="en">

```

```
<head>

  <meta charset="UTF-8">

  <meta http-equiv="X-UA-Compatible" content="IE=edge">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>Document</title>

  <style>

    #me {

      border: 2px solid blue;

      width: 500px;

      height: 350px;

      padding: 10px;

      margin: 10px;

    }

  </style>

  <script>

    function validateEmail() {

      var e = document.getElementById("mail").value;

      if (e.includes("@company.com")) {

        document.getElementById("errorMail").innerHTML = "";

        return true;

      }

      else {
```



```
        document.getElementById("errorMail").innerHTML = "(Use  
format name@company.com)";  
  
        return false;  
    }  
}  
  
function validateNumber() {  
  
    var n = document.getElementById("num").value;  
  
    if (n > 1 && n < 100) {  
  
        document.getElementById("errorNum").innerHTML = "";  
  
        return true;  
    }  
  
    else {  
  
        document.getElementById("errorNum").innerHTML = "(A number  
between 1 and 100)";  
  
        return false;  
    }  
}  
  
function sendData() {  
  
    var nm = document.getElementById("name").value;  
  
    var gen = document.getElementsByName("gen");  
  
    for (var i = 0; i < gen.length; i++) {  
  
        if (gen[i].checked) {  
  
            g = gen[i].value;  
  
        }  
  
    }  
}
```

```
var d = new Date(document.getElementById("dob").value);

var dob = d.getFullYear() + "-" + d.getMonth() + "-" +
d.getDay();

var foodarr = document.getElementsByName("food");

for (var i = 0; i < foodarr.length; i++) {

    if (foodarr[i].checked) {

        f = foodarr[i].value;

    }

}

var n = document.getElementById("num").value;

var e = document.getElementById("mail").value;


if (validateEmail() && validateNumber()) {

    document.getElementById("d1").innerHTML = nm;

    document.getElementById("d2").innerHTML = dob;

    document.getElementById("d3").innerHTML = e;

    document.getElementById("d4").innerHTML = g;

    document.getElementById("d5").innerHTML = n;

    document.getElementById("d6").innerHTML = f;

}

}

</script>

</head>
```

```
<body>
```

```
<p>Q26. Create a HTML page that will display the following form and on clicking the button, the details will be
```

```
listed as shown. Also create an object with all details from form, show them in new window thru the
```

```
newly created object</p>
```

```
<form id="me">
```

```
<table>
```

```
<tr>
```

```
<td><label for="name">Name:</label></td>
```

```
<td><input type="text" name="name" id="name" required  
maxlength="10" pattern="[a-zA-Z]"></td>
```

```
</tr>
```

```
<tr>
```

```
<td><label for="dob">Birth Date:</label></td>
```

```
<td><input type="date" name="dob" id="dob" required></td>
```

```
</tr>
```

```
<tr>
```

```
<td><label for="mail">Email Address:</label></td>
```

```
<td><input type="text" name="mail" id="mail"  
required></td>
```

```
<td>
```

```
<div id="errorMail"></div>
```

```
</td>
```

```
</tr>

<tr>

    <td><label for="gender">Gender</label></td>

    <td><input type="radio" name="gen" id="male"
value="male">Male<br>

        <input type="radio" name="gen" id="female"
value="female">Female

    </td>

</tr>

<tr>

    <td><label for="num">Lucky number:</label></td>

    <td><input type="number" name="num" id="num" required
minlength="4" maxlength="4"></td>

    <td>

        <div id="errorNum"></div>

    </td>

</tr>

<tr>

    <td><label for="foods">Favorite Foods:</label></td>

    <td><input type="radio" name="food" id="pizza"
value="pizza">Pizza <br>

        <input type="radio" name="food" id="pasta"
value="pasta">Pasta <br>

        <input type="radio" name="food" id="chinese"
value="chinese"> Chinese

    </td>
```

```
        </tr>

        <tr>

            <td><button type="button" name="btn" id="btn"
onclick="sendData()">Send Data</button></td>

        </tr>

    </table>

    <div id="d1"></div>

    <div id="d2"></div>

    <div id="d3"></div>

    <div id="d4"></div>

    <div id="d5"></div>


    <div id="d6"></div>

</form>

</body>

</html>
```

Name:

Birth Date: 

Email Address:

Gender: ☒ Male
☐ Female

Lucky number:

Favorite Foods: ☒ Pizza
☐ Pasta
☐ Chinese

mahendra
1996-4-4
mkolhe@company.com
male
5
pizza